

# Summit 6KR

The absolute protector

PN: UPCMOP160HSMDB01B  
EAN: 6422956015169

## Specifications

<b>Capacity</b>	6000 VA / 6000 W
<b>Type</b>	On-line
<b>Input</b>	
Outlets type	Terminal Block Wiring
Nominal Voltage	230V
Voltage Range	160-275V 100% load, 110-160V derating to 50% load linearly
Nominal Frequency	50 Hz / 60 Hz
Frequency Range	40 Hz - 70 Hz (45 Hz - 55 Hz, 54 Hz - 66 Hz @ load > 60%)
Power Factor	1
Harmonic Distortion (THDi)	< 3% linear load < 5% non linear load
Phase	Single phase with ground
<b>Output</b>	
Outlets type	Terminal Block Wiring
Nominal Voltage	220/230/240 VAC
AC Voltage Regulation	± 1%
Nominal Frequency	50 Hz / 60 Hz
Current Crest Ratio	3:1 (max.)
Harmonic Distortion (THDv)	< 1% linear load < 5% non linear load
Waveform	Pure Sinewave
<b>Transfer Time</b>	
AC Mode to Batt. Mode	Zero
Inverter to Bypass	Zero
<b>Efficiency</b>	
AC Mode	≥ 95 % at full charged battery
Battery Mode	≥ 92 % at full charged battery
ECO Mode	≥ 98 % at full charged battery



True double conversion



Single phase high capacity



Pure Sine Wave

- True Double Conversion
- Output Power Factor 1.0
- Output voltage regulation < 1%
- High efficiency up to 95%
- EBM quantity auto detection
- EPO function
- High charger capability, the charger current is up to 12 Amps
- Start-able without battery
- User-friendly dot-matrix LCD
- Software management

## Protection

Surge rating energy 445 joules

Emergency Power Off Yes

## Overload

AC Mode  
100%~105%: continuous  
105%~125%: 10min  
125%~150%: 0.5 min  
>150% : 0.5 sec

## Indicators Type

LCD Display UPS status, Load level, Battery level, Input/Output voltage, Discharge timer, and Fault conditions

LED indicators Line, Bypass, Battery, Fault

Alarm Bypass, Battery mode, Low battery, Overload, Warning, Temperature, Fault

## Battery

Internal batteries Not supported

External batteries 12V lead acid,  
N pcs x 1 string / cabinet, N=20

Compatible battery cabinets RA2011BX - 3U Battery pack  
UPBPRA2011BX-DB01B

Max number of EBM connected 4

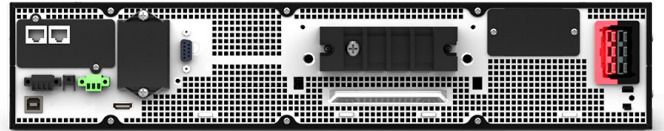
Charging Current 4A (adjustable 2A - 12A)

Default Charging Voltage N=20 (240VDC)

## Running time on battery\*

With one RA2011BX - 3U Battery pack  
(1x R2011BX EBM containing  
20 x HR09122F batteries  
BTVACIUOCTD2FBT01B)

25% Load - 58 min
50% Load - 24 min
75% Load - 14 min
100% Load - 10 min



## Management

Communication ports USB, RS232, RJ45, Dry in,  
Dry out,  
Intelligent slot (installed in UPS)

## Software

UPS vis USB / LAN <https://www.ups-software-download.com/content/ups-download-software/download.html>

Software capability Monitor & Control USB or LAN with WinPower and via APP with WinPower View

## Environment

Humidity 0-95% (no condensation)

Operating Temperature 0°C ~ 50°C  
(Derating 50% above 40°C)

Storage temperature -25°C ~ 55°C

Operating Altitude ≤ 3000 m  
(contact us for usage over 1000 m)

Noise level <55dB for typical load with battery fully charged

## Physical

Product dimensions 540 x 438 x 86.3 mm [2U]

Product weight 15 kg

## Logistics

 Carton Box Size (LxWxH)	780 x 580 x 240 mm
 Pieces in the Carton Box	1 pcs / ctn
 Net & Gross weight / CTN	N.W.: 15 kg / G.W.: 17.85 kg

## Certificates



\*This data is based on njoy HR batteries that are new and fully charged. Actual runtimes may vary from this values because they are dependent on several variables including battery type, model, age, battery charge level, environmental conditions and characteristics of the connected load.

